

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. Serie 5545(53b)

Anticipated Classification of this application:

Class \_\_\_\_\_ Subclass \_\_\_\_\_

Prior application:

Examiner: Melvyn J. Andrews

Art unit: 1742

17497 U.S. PTO  
10/776872  
021004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

Dear Sir:

This is a request for filing a ☒ continuation ☐ divisional application under 37 C.F.R. §1.53(b), of pending prior Application Serial No. **10/027,482**, filed **December 19, 2001**, for **METHODS AND APPARATUSES FOR INTEGRATION OF A BLAST FURNACE AND AN AIR SEPARATION UNIT**, by the following named inventor(s):

- (a) Full Name Bao HA  
(b) Full Name Jean-Renaud Brugerolle

☒ The entire disclosure of the prior application from which a copy of the oath or declaration is supplied herewith is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ This application is being filed by less than all the inventors named in the prior application. In accordance with 37 C.F.R. 1.63(d)(2), the Commissioner is requested to delete the name(s) of the following person or persons who are not inventors of the invention being claimed in this application.

- (a) Full Name \_\_\_\_\_  
(b) Full Name \_\_\_\_\_  
(c) Full Name \_\_\_\_\_

1. ☒ Enclosed is a copy of the prior Application No. **10/027/482** as filed on **December 19, 2001**, including copies of the specification, claims, drawings and the executed oath or declaration as filed.
2. ☐ Enclosed is a revised prior application and a copy of the prior executed oath or declaration as filed. No new matter has been added to the revised application.
3. ☐ \_\_\_\_\_ statement(s) claiming small entity status ☐ are enclosed ☐ were filed in prior Application No. \_\_\_\_\_, filed on \_\_\_\_\_.

4. ☒ The filing fee is calculated below ☐ and in accordance with the enclosed preliminary amendment:

CLAIMS					
	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee					\$770.00
Total Claims	5	MINUS 20 =	0	x \$18.00=	\$00
Independent Claims	1	MINUS 3 =	0	x \$86.00=	\$0.00
If multiple dependent claims are presented, add \$280.00					
Total Application Fee					\$0.00
If small entity status is claimed, subtract 50% of Total Application Fee					
Add Assignment Recording Fee of \$40.00 if Assignment document is enclosed					
<b>TOTAL APPLICATION FEE DUE</b>					<b>\$770.00</b>

5. ☒ Charge \$ 770.00 to Deposit Account No. 01-1375 for fee due.
6. ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed for the fee due.
7. ☒ The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 01-1375. This paper is submitted in duplicate.
8. ☒ Cancel in this application original claims 1 - 12 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
9. ☐ Amend the specification by inserting before the first line the sentence:
10. ☐ Transfer the drawings from the pending prior application to this application and abandon said prior application as of the filing date according this application. A duplicate of this paper is enclosed for filing in the prior application file. (May only be used if signed by person authorized under 37 C.F.R. § 1.138 and before payment of issue fee.)
11. ☐ New formal drawings are enclosed.
12. ☐ Priority of Application No. \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ (country) is claimed under 35 U.S.C. § 119.

- ☐ The certified copy of the priority application  
    ☐ is enclosed  
    ☐ was filed on \_\_\_\_\_ in prior Application No. \_\_\_\_\_, filed on \_\_\_\_\_  
    ☐ has not yet been filed.


13. ☐ A preliminary amendment is enclosed.

14. ☐ Also enclosed \_\_\_\_\_.

15. ☒ The power of attorney in the prior application is to Linda K. Russell, Reg. No. 34,918.

- a. ☒ The power appears in the original papers in the prior application.  
b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.  
c. ☐ Recognize as Associate Attorney  
d. ☒ Address all future communications to:  
    Linda K. Russell  
    Intellectual Property Department  
    Air Liquide  
    2700 Post Oak Boulevard, Suite 1800  
    Houston, Texas 77056

Date: February 10, 2004  
Air Liquide  
2700 Post Oak Blvd., Suite 1800  
Houston, Texas 77056  
(713) 624-8954  
(713) 624-8950 FAX

  
\_\_\_\_\_  
Linda K. Russell, Registration No. 34,918  
☐ Inventor(s)  
☐ Assignee of complete interest  
☒ Attorney or agent of record  
☐ Filed under § 1.34(a)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No. Serie 5545 (53b)

Anticipated Classification of this application:

Class \_\_\_\_\_ Subclass \_\_\_\_\_

Prior application:

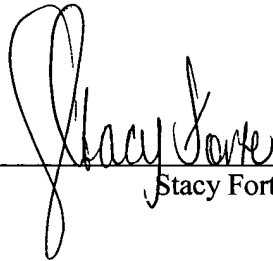
Examiner: Melvyn J. Andrews

Art unit: 1742

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**CERTIFICATE OF EXPRESS MAILING**  
**UNDER 37 CFR 1.10**

I hereby certify that this transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date February 10, 2004, in an envelope as "EXPRESS MAIL, POST OFFICE TO ADDRESSEE", mailing label number EV307656823US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
\_\_\_\_\_  
Stacy Forte

Air Liquide  
Intellectual Property Department  
2700 Post Oak Boulevard, Suite 1800  
Houston, Texas 77056  
Phone: (713) 624-8957  
Fax: (713) 624-8950